

Appl. No. 10/584,186
Amdt. dated January 11, 2010
Reply to Final Office action of September 9, 2009

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-9. **(Cancelled)**

10. **(Previously presented)** A self-boosting electromechanical friction brake, comprising
a friction brake lining which is movable in a direction of rotation and into contact with
a brake body,
an electromechanical actuation device with which the friction brake lining can be
pressed for braking against the brake body,
a ramp mechanism which braces the friction brake lining at a ramp angle to the brake
body, the ramp mechanism having a roller bearing that has roller bodies, with which roller
bearing the friction brake lining is movably supported at a wedge angle to the brake body, and
roller support means supporting the roller bodies fixedly and rotatably on a component of the
friction brake,

wherein axes of rotation of the roller bodies have a transverse inclination, so that the
roller bodies brace the friction brake lining centrally to an imaginary circular circumferential
line with its center on an axis of rotation of the brake body which divides a surface, oriented
toward the brake body, of the friction brake lining into two faces of at least approximately
equal size.

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11. **(Currently amended)** The friction brake according to claim 10, wherein the roller support means comprises a stationary abutment of the ramp mechanism, and wherein the abutment braces the friction brake lining at the ramp angle (α) to the brake body.

12. **(Previously presented)** The friction brake according to claim 10, wherein the roller support means support the roller bodies in stationary and rotatable fashion on the friction brake lining.

13. **(Currently amended)** The friction brake according to claim 10, wherein an imaginary straight line through an axis of rotation of a roller body, which imaginary straight line is perpendicular to a ramp, intersects a the surface of the friction brake lining, oriented toward the brake body, inside the surface of the friction brake lining.

Claim 14. **(Canceled)**

15. **(Previously presented)** The friction brake according to claim 10, wherein the roller support means comprises roller bearings.

16. **(Previously presented)** The friction brake according to claim 15, wherein the roller bearings of the roller bodies rest in bearing pockets that are complementary to the roller bearings.

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Claim 17. (Cancelled)

18. (Previously presented) The friction brake according to claim 10, wherein the friction brake is a partly lined disk brake.

19. (Currently amended) The friction brake according to claim 10, A self-boosting electromechanical friction brake, comprising

~~a friction brake lining which is movable in a direction of rotation and into contact with a brake body,~~

~~an electromechanical actuation device with which the friction brake lining can be pressed for braking against the brake body,~~

~~a ramp mechanism which braces the friction brake lining at a ramp angle to the brake body, the ramp mechanism having a roller bearing that has roller bodies, with which roller bearing the friction brake lining is movably supported at a wedge angle to the brake body, and roller support means supporting the roller bodies fixedly and rotatably on a component of the friction brake,~~

wherein the roller bodies are offset in a displacement direction of the friction brake lining such that the roller bodies brace the friction brake lining centrally to an imaginary center line, which extends transversely to the displacement direction of the friction brake lining and divides the surface, oriented toward the brake body, of the friction brake lining into two faces of at least approximately equal size.

20. **(Currently amended)** The friction brake according to claim 19, wherein the roller support means comprises a stationary abutment of the ramp mechanism, and wherein the abutment braces the friction brake lining at the ramp angle (α) to the brake body.

21. **(Previously presented)** The friction brake according to claim 19, wherein the roller support means support the roller bodies in stationary and rotatable fashion on the friction brake lining.

22. **(Currently amended)** The friction brake according to claim 19, wherein an imaginary straight line through an axis of rotation of a roller body, which imaginary straight line is perpendicular to a ramp, intersects a the surface of the friction brake lining, oriented toward the brake body, inside the surface of the friction brake lining.

23. **(Previously presented)** The friction brake according to claim 19, wherein the roller support means comprises roller bearings.

24. **(Previously presented)** The friction brake according to claim 23, wherein the roller bearings of the roller bodies rest in bearing pockets that are complementary to the roller bearings.

25. **(Previously presented)** The friction brake according to claim 19, wherein the friction brake is a partly lined disk brake.